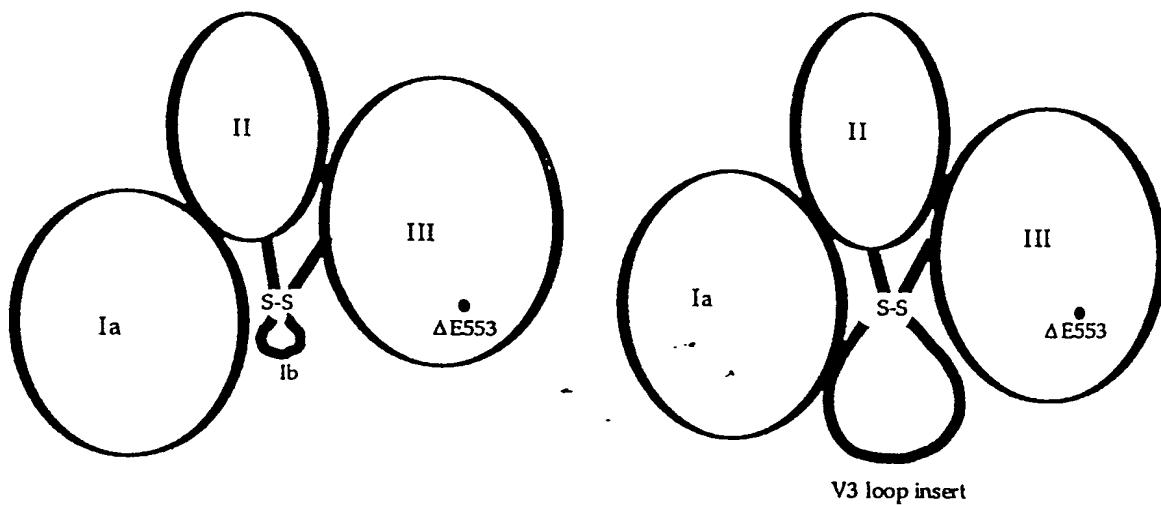


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1 A Pseudomonas exotoxin 1 B V3-loop toxin chimera

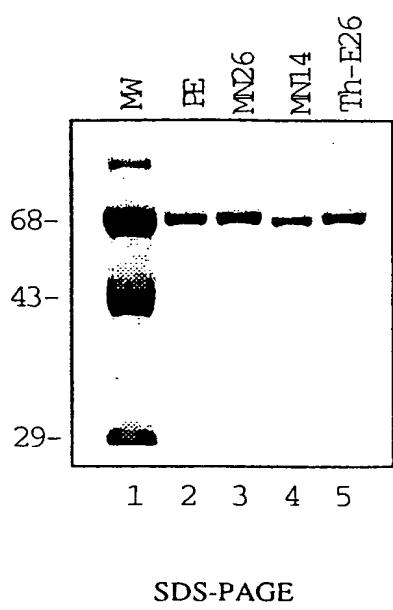
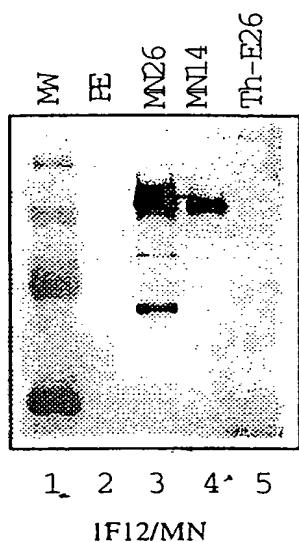


1 C

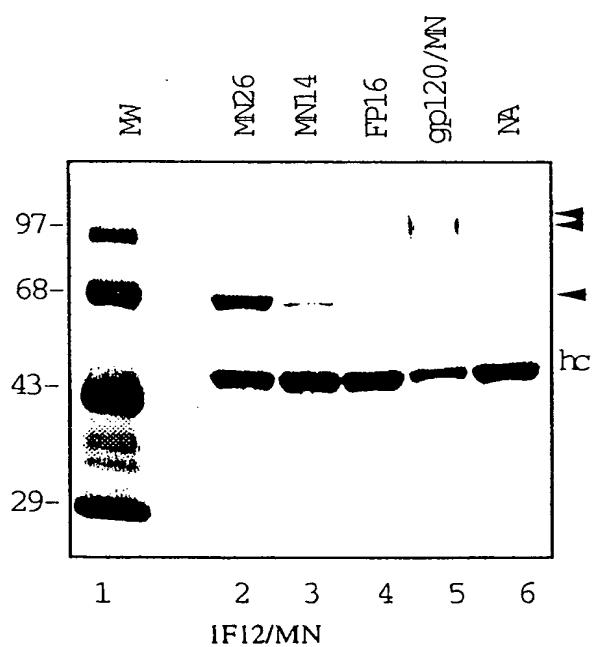
Protein	Ib Loop Region Amino Acid Sequence	Molecular Mass
wild-type PE	-GAANADVVSLLTCPVAAGECAGPAD-	67,122 Da
ntPE-V3MN14	-GAANLHCGIHIGPGRAFYTTKCMQGPAD-	67,729 Da
ntPE-V3MN26	-GAANLHCNYNKRKRIHIGPGRAFYT TKNIIGTICMQGPAD-	68,937 Da
ntPE-V3ThE26	-GAANLHCSNNTRTSITIGPGQVFYRT GDIIGDDICMQGPAD-	68,700 Da
ntPE-FP16	-GAANLQCRLEEKKGNYVVTDHRLCLQGPAD-	67,862 Da

Figure 1.

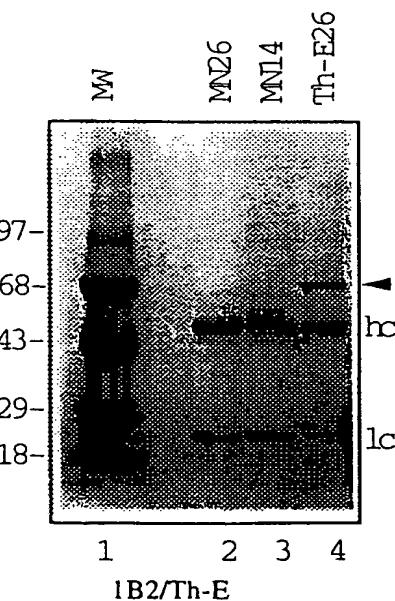
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**FIG. 2A.**

Western blot Analysis

**FIG. 2B.**

Antibody-mediated capture of proteins

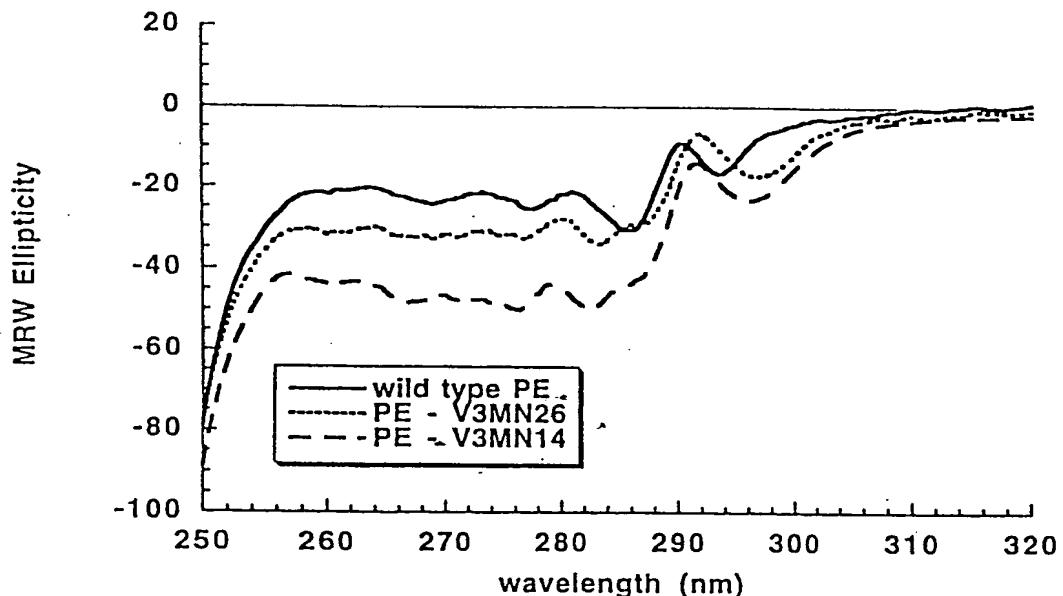


SUBSTITUTE SHEET (RULE 26)

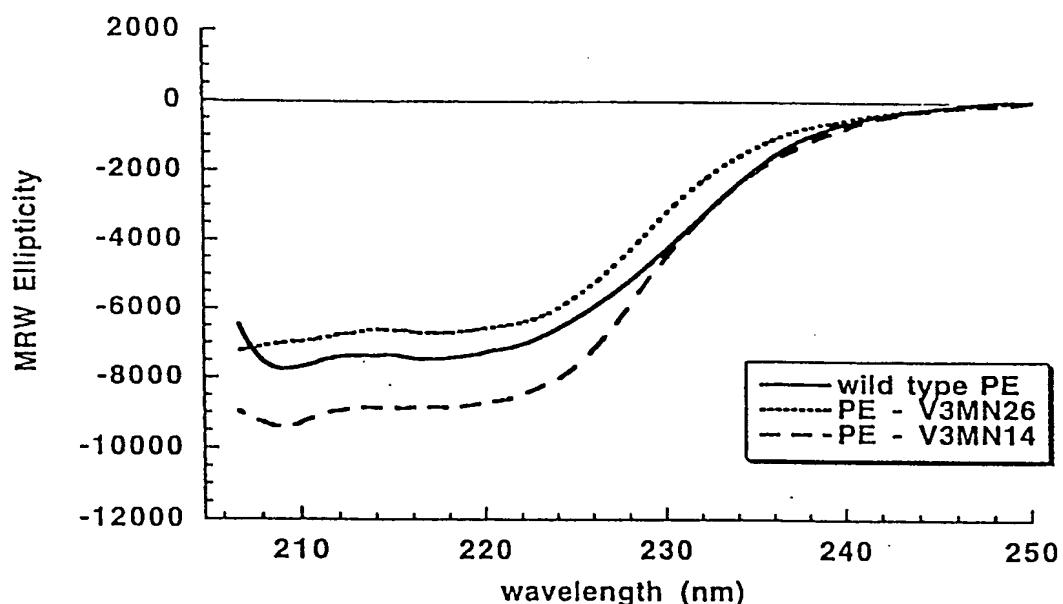
FIG. 2C.

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3A



3B



3C

Sample	% α -helix*	% β -sheet	% β -turns	% other
wild-type PE	21	48	12	20
ntPE-V3MN14	26	46	10	19
ntPE-V3MN26	18	50	12	20

Figure 3.
SUBSTITUTE SHEET (R111 F 26)

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Cytotoxic activity for A431 Cells

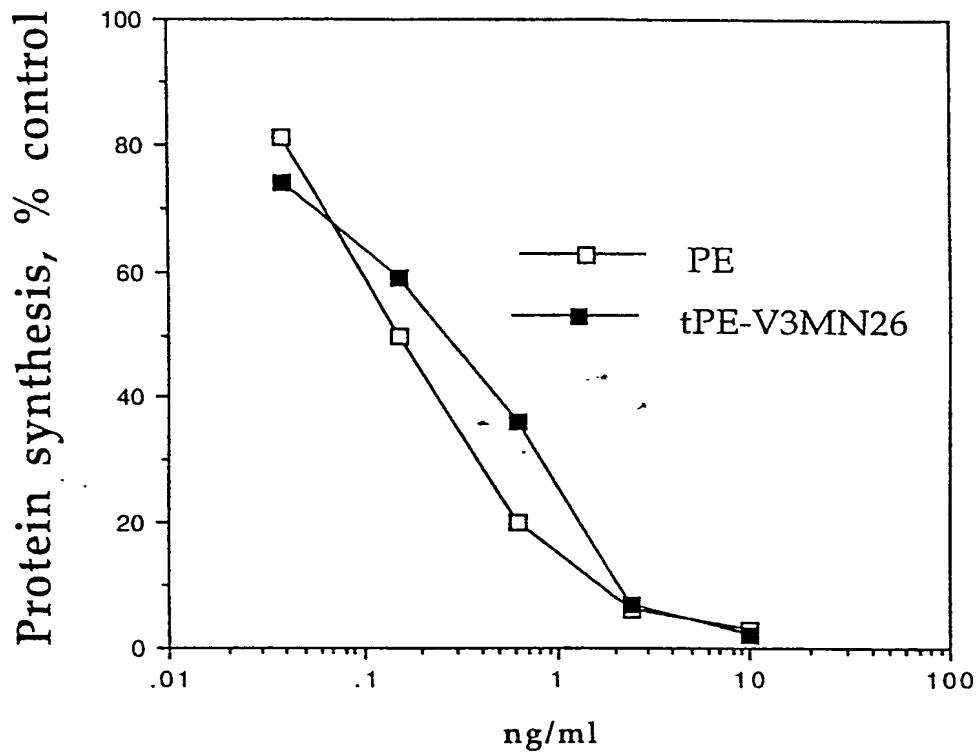
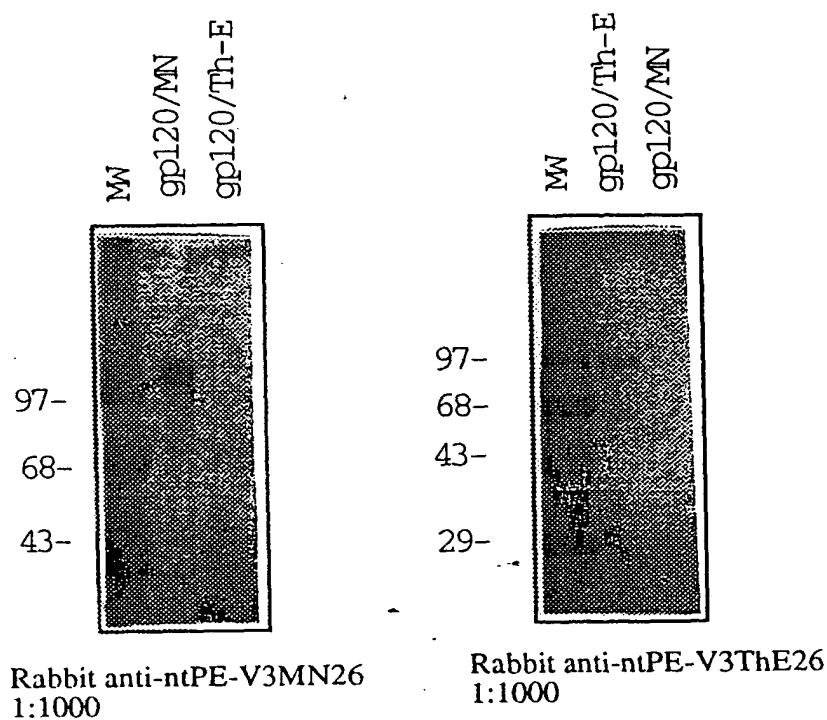
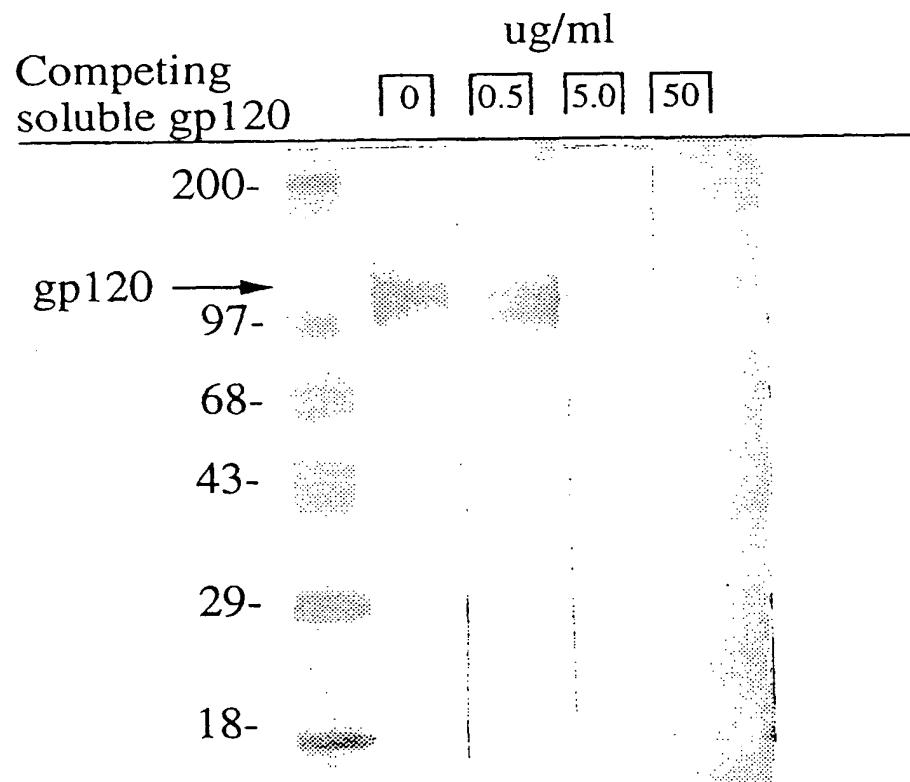


Figure 4.

*FIG. 5A.**FIG. 5B.*

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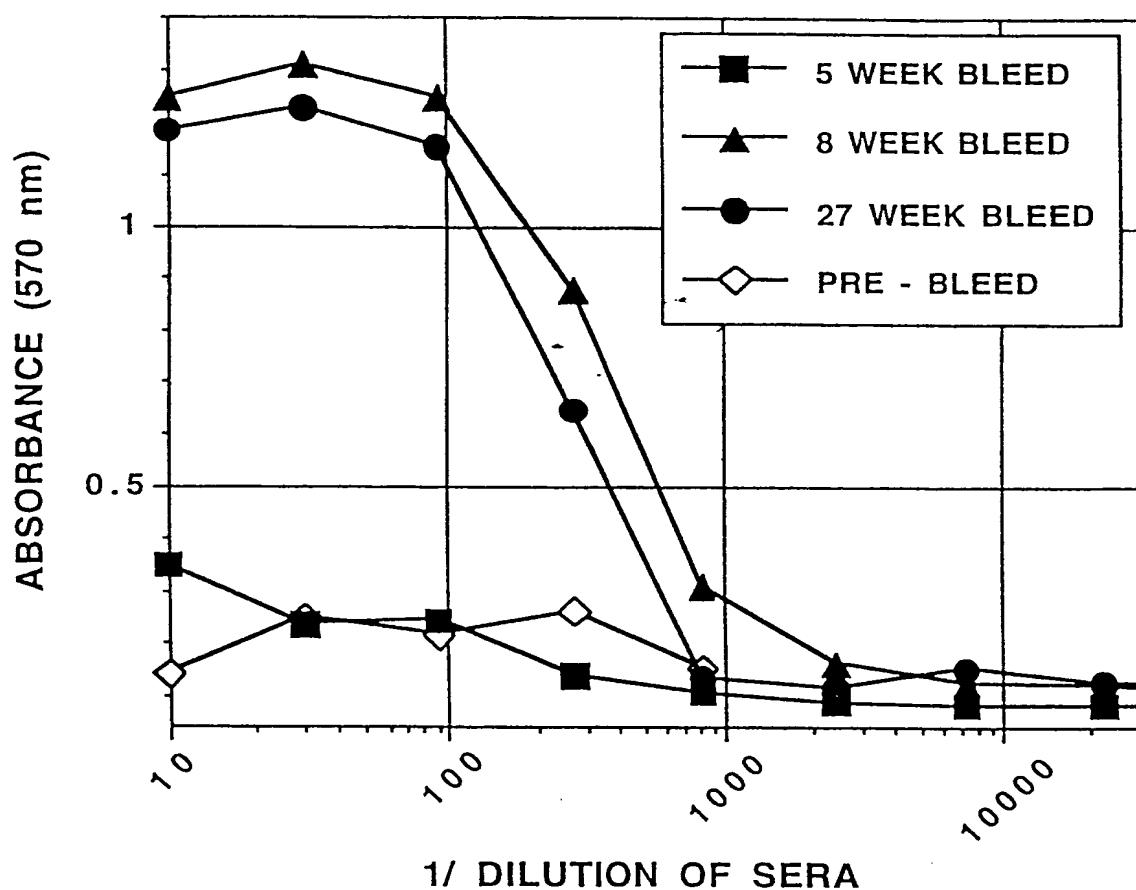


Figure 6.

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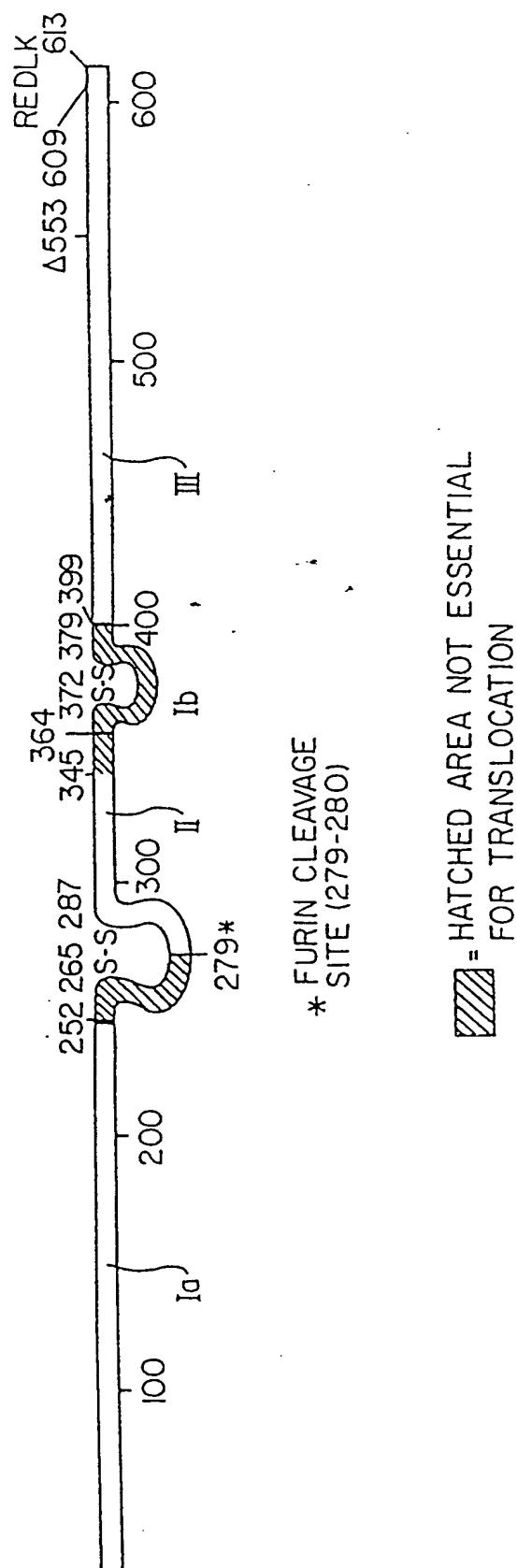


Figure 7.

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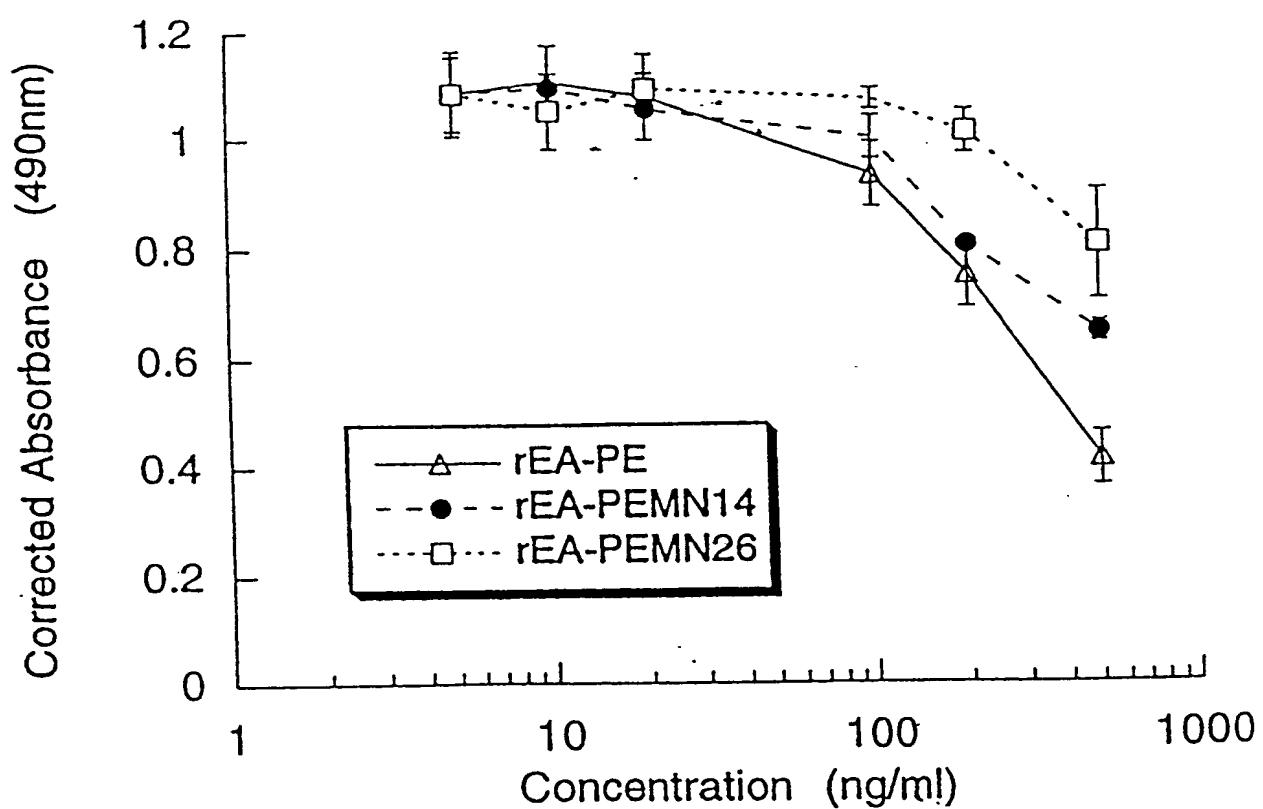


Figure 8.

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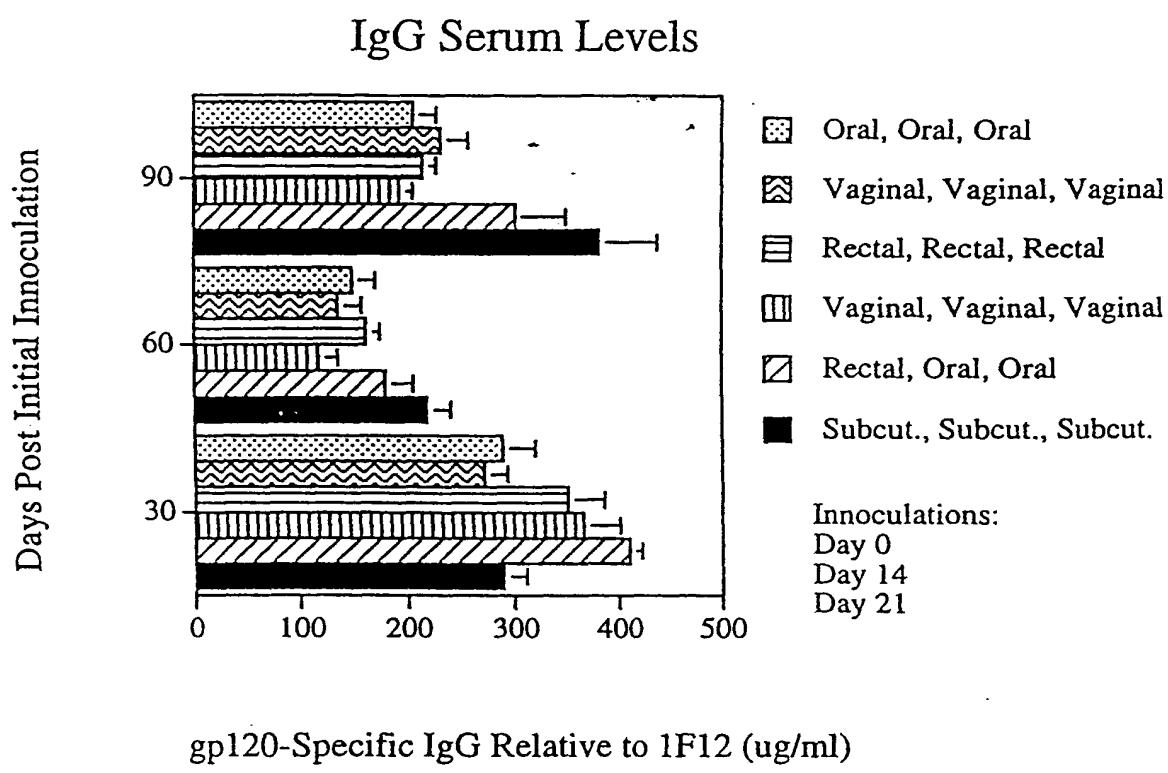


Figure 9.

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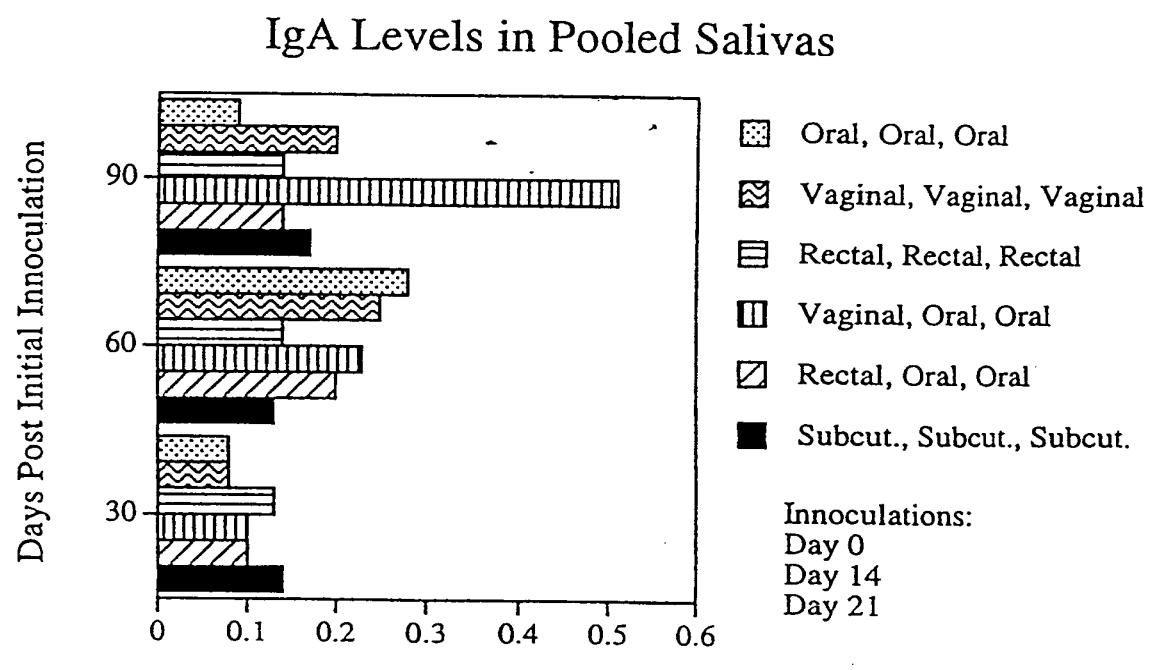
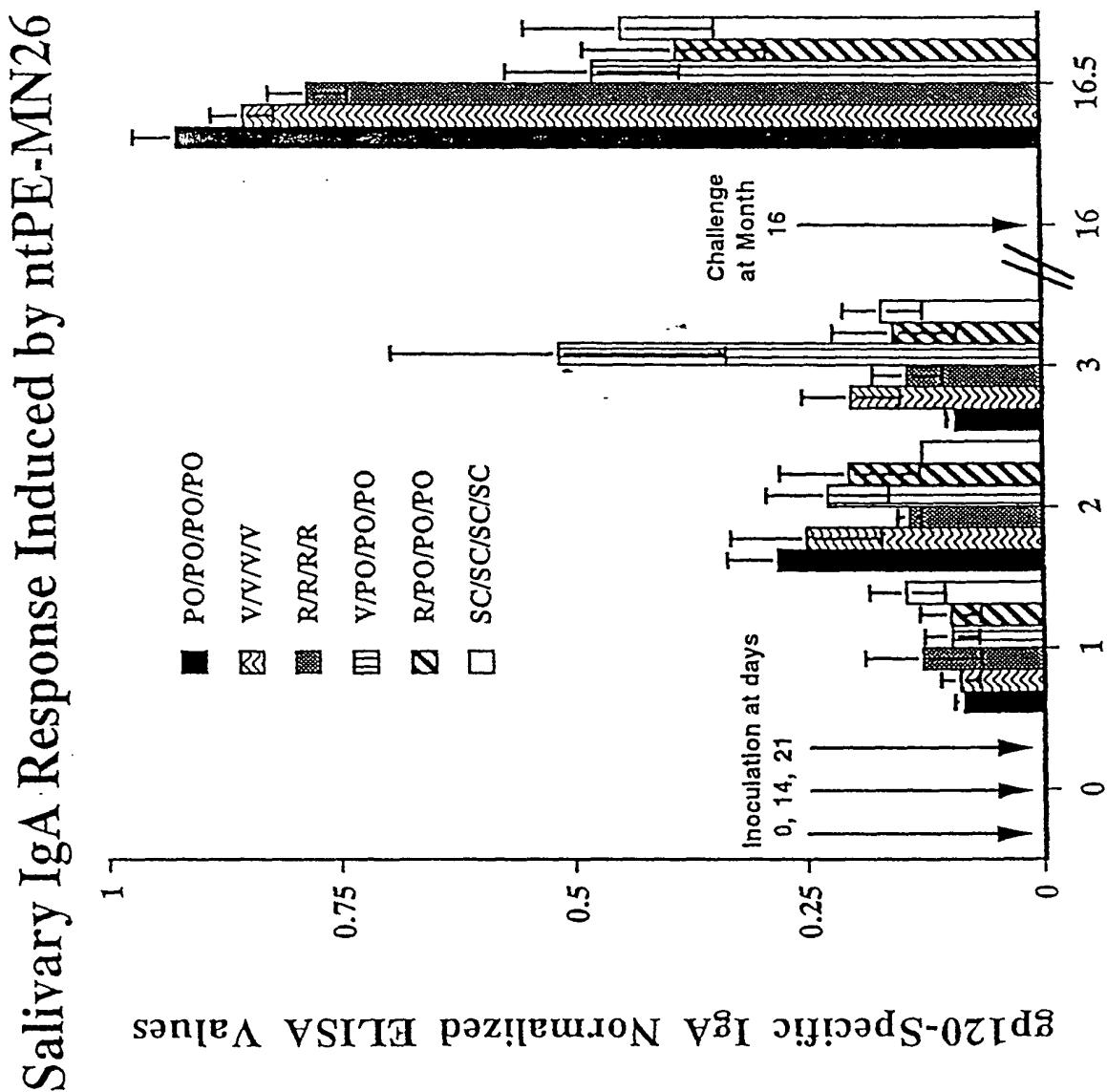


Figure 10.



Months Post Initial Inoculation

Figure 11.

Serum IgG Response to Subcutaneous Injection of ntPE-MN26

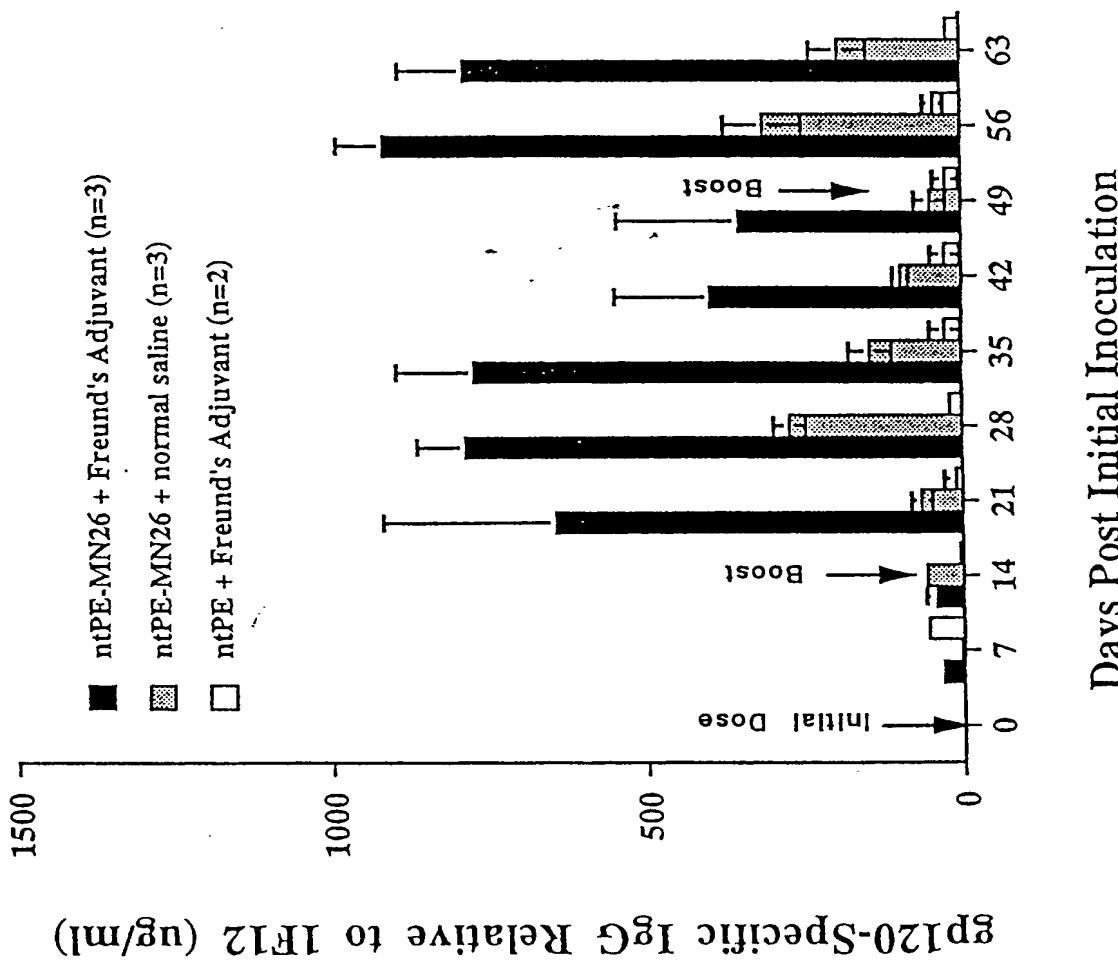
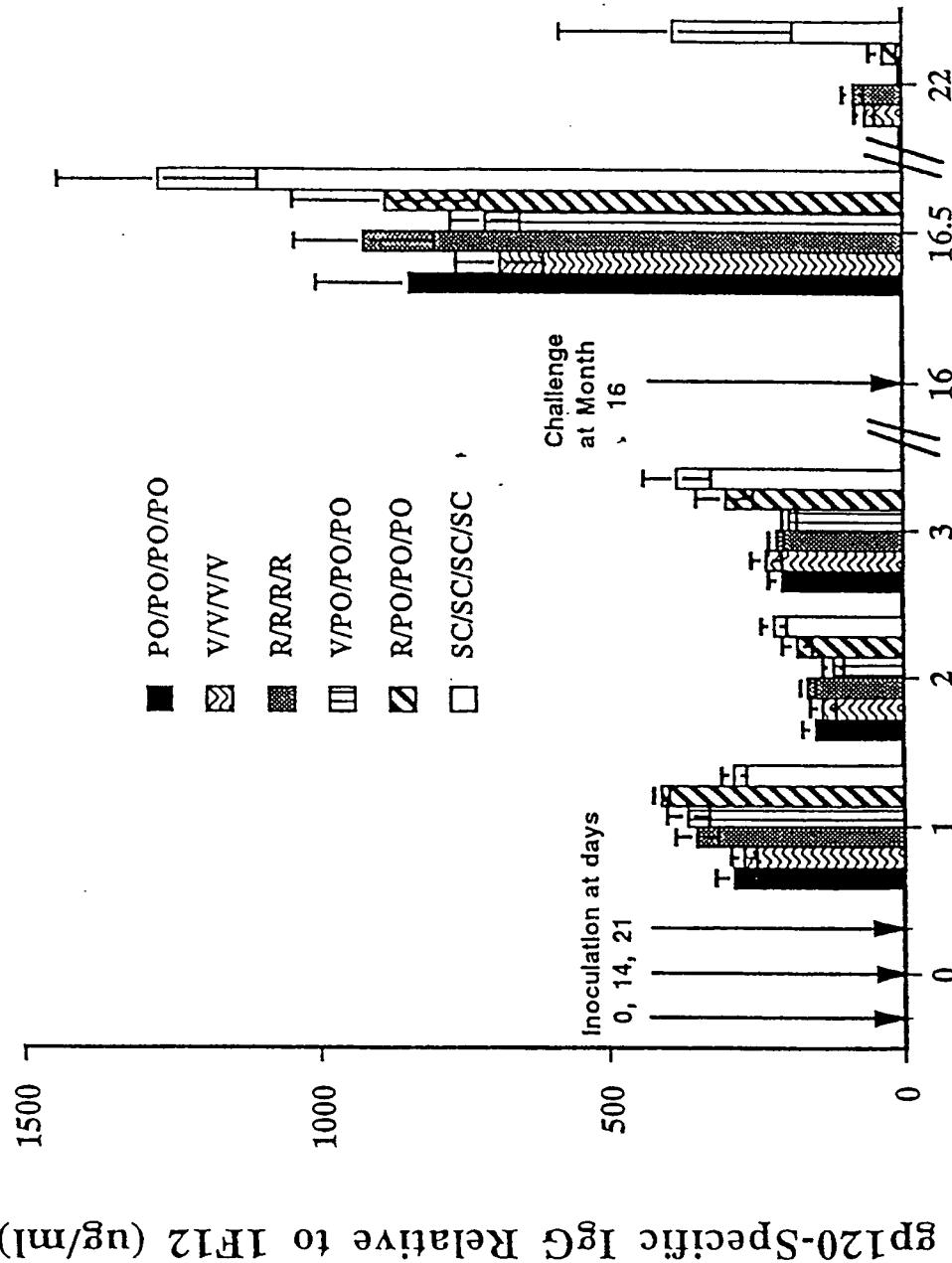


Figure 12.

SUBSTITUTE SHEET (RULE 26)

Serum IgG Response Induced by ntPE-MN26



Months Post Initial Inoculation

Figure 13.

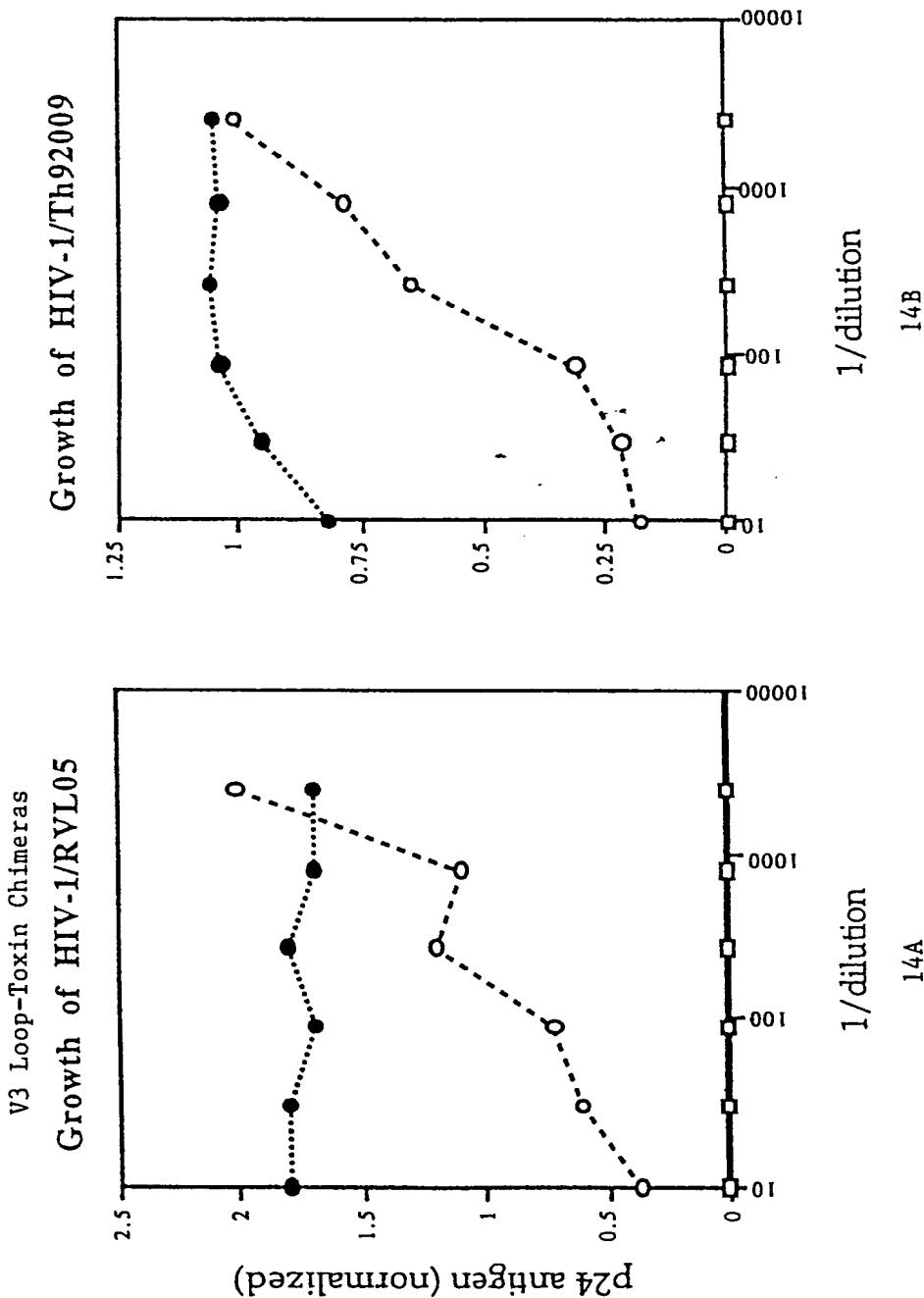


Figure 14.